



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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Project Status Report dated April 6, 2007  
(Submitted to The Reclamation Board for the April 20, 2007, meeting)

A progress report of the various phases of the Three Rivers Levee Improvement Authority (TRLIA) project is provided in the followings sections of this document.

**State Reclamation Board TRLIA Sub-Committee Meeting:** On March 22, 2007 the State Reclamation Board sub-committee met in Marysville to discuss the following topics:

- A. Response to February 26, 2007 public comments on TRLIA compliance with Yuba River South levee permit conditions (*TRLIA and Reclamation Board Staff*)
- B. Status and plans for the Phase 4 of Feather River Improvement Program
  - I. Status of State Review of Hydraulic Analysis (*DWR Staff*)
  - II. TRLIA cash flow projection for existing and future Right-of-Way and project expenditures (*TRLIA and Reclamation Board Staff*)
  - III. Funding potential from Proposition 1E and/or 84 for Phase 4 Feather River Improvement Program (*DWR or Reclamation Board Staff*)
  - IV. Revised TRLIA Financing Plan (*TRLIA*)
  - V. Report back on maintenance responsibility (*TRLIA*)

**Corps Certification:** On 14 December 2006 TRLIA requested the Corp of Engineers to certify portions of RD 784's levee system, as outlined below:

1. Yuba River (south levee): From Hwy 70 to Simpson Lane
2. Yuba River/Feather River (east levee) from Hwy 70 to Island Ave. (removed from the TRLIA certification request – see March 2007 report)
3. Bear River (north levee): From Western Pacific Interceptor Canal to Feather River
4. Western Pacific Interceptor Cana (west levee): From Highway 70 to Bear River

On 30 January 2007 the Corp of Engineers sent a letter to TRLIA that provided the status of their certification effort. The Corp letter asked TRLIA for additional information. Provided below is the status of the remaining open items mentioned in the January 30, 2007 Corps Letter to TRLIA with respect to certification. See the March 2007 TRLIA report for other items listed in the 30 January 2007 Corp of Engineers letter.

- a. **Provide all Construction Records to verify that levees were built according to the design** –TRLIA has provided a construction report on Phases 1, 2, and 4 (Yuba) and a separate construction report on Phase 3 (Bear Setback Levee) to the Corps. The corps has provided some review comments on these reports, TRLIA consultants have responded to the comments and the Corps is reviewing these responses.
- b. **Provide information to show that utility crossings meet current Corps and State of California Criteria** – TRLIA has sent letters to all utilities with levee crossings asking that they supply information on the crossing. This information will be reviewed to determine if standards have been met. If not, TRLIA will work with the utility to have the crossing modified. The Corps has requested documentation of meeting the standard or a plan to meet the standard by April 30, 2007. The following utilities have been contacted:

Kinder Morgan – 1 Crossing – Has Responded.

PG&E – 3 Gas Line Crossings – No Response

AT&T – 3 Communication Line Crossings – No Response

Sprint – 3 Communication Line Crossings – No Response

Comcast – 1 Communication Line Crossing – No Response

The utilities are slow in responding. TRLIA has contacted all of the utilities by phone asking for their information. TRLIA is seeking the assistance of the Reclamation Board by asking them to send letters to the utility companies to provide the asbuilt information to document that the crossings were constructed according to the conditions in their encroachment permits. We do not believe this lack of response will delay certification, but it will remain an issue that must be resolved and we will need the Reclamation Board's assistance in the resolution.

### **Levee Design and Construction Work**

#### **Phase 2 Levee Repair - Bear River Station 131 and easterly, Western Pacific Interceptor Canal and Yuba River from just east of Highway 70 to the Union Pacific Railroad:**

- a. This reach of levee is under evaluation by the Corps for certification.
- b. The State Reclamation Board has accepted and is processing the encroachment permit application for the Caltrans detention basin as agreed to at the February State Reclamation Board meeting.
- c. TRLIA has repaired the surface scrape that was identified on the landside of the Yuba River levee near the UPRR. This work was done under an encroachment permit variance.
- d. The completed levee work is being inspected for erosion damage during winter rains and erosion prevention measures are being maintained as necessary via routine operations and maintenance activity.

#### **Phase 3 Construction – Bear River Setback Levee between the Feather River Levee and the limit of Phase 2 Construction:**

- a. This reach of levee is under evaluation by the Corps for certification.
- b. Restoration plantings are being monitored and maintained.

- c. The completed levee work is being inspected for erosion damage during winter rains and erosion prevention measures are being maintained as necessary via routine operations and maintenance activity.

**Phase 4 – Yuba River Levee between the Union Pacific Railroad and the Goldfields:**

- a. The reach of this levee from the UPRR to Simpson Lane is under evaluation by the Corps for certification.
- b. The completed levee work is being inspected for erosion damage during winter rains and erosion prevention measures are being maintained as necessary via routine operations and maintenance activity.
- c. Design continues on the erosion problem that exists just downstream of the Goldfields. This was a site of erosion during the 1997 event.

**Phase 4 – Feather River Levee between Bear and Yuba Rivers:**

- a. Segments 1, 2, and 3: On 29 March 2007 DWR posted the application form for Prop 1E funding on their web page and has asked for applications to be submitted by 1 May 2007. TRLIA is completing the application form. DWR has indicated that if the TRLIA application is approved for funding then a State agreement might be able to be accomplished by June with early project funding in July.
- b. Segments 1 and 3 which will be strengthened in place have been advertised for construction. Award of this contract is anticipated to occur in mid May to early June. Depending upon available funding, the improvements planned for Segment 1 might be accomplished in the 2008 construction season. The encroachment permit for this work is on today's State Reclamation Board Agenda. We are concerned that the Corps recent requirement for SAFCA to obtain 408 approval for slurry wall work may impact our Segment 1 & 3 construction schedule. It is unclear what the schedule implications are at this time.
- c. Segment 2 design and land acquisition is underway. The Section 104 credit request for this work is on today's State Reclamation Board Agenda.